

FUTUROLOGICAL CONGRESS

HUMANITY IN THE AGE OF ARTIFICIAL INTELLIGENCE

A EURAC RESEARCH PROJECT IN COLLABORATION WITH TRANSART

Hier begegnen sich Welten.

Der Futurologische Kongress ist ein interdisziplinäres Infotainment-Festival, bei dem Wissenschaft und Kunst, Technik und Kultur, online und offline aufeinandertreffen. Die Auseinandersetzung mit Zukunftsfragen bedarf aller Disziplinen. Umso passender das Organisatoren-Duo, das aus dem Center for Advanced Studies von Eurac Research, welches sich seit seiner Gründung über disziplinäre Grenzen hinweg mit Zukunftsfragen beschäftigt, und dem Festival zeitgenössischer Kultur, Transart, besteht. Unter dem Thema „Der Mensch im Zeitalter der künstlichen Intelligenz“ mit besonderem Augenmerk auf die Kunst wagen Philosophen, Zukunftsforscherinnen, Performancekünstler und Medienwissenschaftlerinnen, Informatiker, Musikerinnen und Publizisten einen wegweisenden Blick auf die kreative Zukunft menschlichen Schaffens und die unglaublichen Möglichkeiten der Digitalisierung. Ein fantastischer Reigen, in dem sich wissenschaftliche Keynotes, Diskussionen und Kunstperformances aneinanderreihen – teils physisch im NOI Techpark – teils im Live-Stream.

Künstliche Intelligenz, Robotik und Algorithmen begleiten den menschlichen Alltag wie kaum eine andere Entwicklung des 21. Jahrhunderts. Sie führen Kriege, wickeln Geldflüsse ab, erstellen Diagnosen, entscheiden über Kreditvergaben und gestalten Mobilität. KI-Software lässt die Grenze zwischen Mensch und Maschine verschwimmen. Doch kann künstliche Intelligenz auch Kunst? Bleibt sie dabei nur Werkzeug, wie der Pinsel des Malers oder kann sie eigene ästhetische Vorstellungen entwickeln? Und welchen Unterschied gibt es dann noch zwischen Mensch und Maschine – vielleicht die unausweichliche Vergänglichkeit des Menschen, gegenüber der Möglichkeit quasi-unsterblicher Existenz der Künstlichen Intelligenz? Darüber diskutieren unter anderem der Philosoph Julian Nida-Rümelin, der Transhumanist Zoltan Istvan und die Google X Ingenieurin Grace C. Young, die Medien-Künstler Hexorcismos und Robin Meier, der Musiker Peter Kirn und die Kunst-Kuratorin Natalia Fuchs.

21.09.-26.09.

Bozen/Bolzano ↗

NOI TECHPARK /TERRA X-CUBE

Via Volta Str. 13

SPEAKERS PROGRAM

CURATED BY

CENTER FOR ADVANCED STUDIES,
EURAC RESEARCH

ARTISTIC PROGRAM

CURATED BY

NATALIA FUCHS,
ARTYPICAL, MOSCOW
FOR TRANSART

FREE ENTRY

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TRANS
ART20

TECHPARK
SÜDTIROL /ALTO ADIGE





EMILIO VAVARELLA © MUSACCHIO E IANNIELLO

Qui si incontrano mondi.

Il Congresso Futurologico è un festival interdisciplinare di infotainment dove si incontrano scienza e arte, tecnologia e cultura, online e offline. Affrontare i problemi futuri richiede il contributo di tutte le discipline. Ciò si riflette perfettamente nella composizione del team organizzativo: da una parte il Center for Advanced Studies di Eurac Research, che fin dalla sua fondazione si è occupato di questioni legate al futuro oltrepassando i confini disciplinari, e dall'altra il festival di cultura contemporanea Transart. Affrontando il tema „Intelligenza artificiale e arte“, filosofi, futurologi, artisti performativi e scienziati dei media, informatici, musicisti e autori si avventureranno in uno sguardo innovativo sul futuro creativo dei traguardi umani e sulle incredibili possibilità della digitalizzazione.

Una fantastica serie di keynote scientifiche, discussioni e performance artistiche – in parte aventi luogo fisicamente al NOI Techpark, in parte live-streamed.

L'intelligenza artificiale, la robotica e gli algoritmi accompagnano la vita quotidiana dell'essere umano come quasi nessun'altra invenzione del XXI secolo. Combattono le guerre, gestiscono flussi di denaro, fanno diagnosi, decidono la concessione di prestiti e danno forma alla mobilità. I software basati sull'intelligenza artificiale offuscano il confine tra uomo e macchina. Ma l'intelligenza artificiale può essere anche arte? Si tratta solo di uno strumento, come il pennello di un pittore, o può anche sviluppare le proprie idee estetiche? E quale altra differenza c'è tra l'uomo e la macchina – forse l'inevitabile caducità dell'uomo, rispetto alla possibilità dell'esistenza quasi immortale dell'intelligenza artificiale?

Ne discutono, tra gli altri, il filosofo Julian Nida-Rümelin, il transumanista Zoltan Istvan e l'ingegnere di Google X Grace C. Young, gli artisti multimediali Hexorcismos e Robin Meier, il musicista Peter Kirn e la curatrice d'arte Natalia Fuchs.

CHAPTER ONE **21.09.–23.09.**
A POSTCARD FROM THE FUTURE
16:00–20:00, EVERY DAY
ONLINE

Remote Microresidency

with

Hexorcismos (Mexico/Germany), Isabella Salas (Mexico/Canada), Emilio Vavarella (Italy), Ilia Symphocat (Russia), Xenia Sangina (Russia) and Natalia Soboleva featuring the AI research unit of the Russian Academy of Science

Curated by Natalia Fuchs (Russia), Peter Kim (USA/Germany) and Chris Salter (Canada)

Facilitated by Peter Kim (USA/Germany) and Chris Salter (USA)

CHAPTER TWO **24.09.**
ARTISTIC PRELUDE
NOI TECHPARK AND ONLINE



**18:00–
20:00**

KRANHALLE

Do you like cyber?

Installation by Emilio Vavarella (Italy)

**18:00–
20:00**

NOISE

Studio Visits – where future happens

Moscow: ::vtol:: / Dmitry Morozov (Russia)
 Cambridge, Massachusetts: Joe Davis (USA)
 Beijing: Lu Yang (China)

**20:30–
21:15**

SEMINAR 1

Artist talk

AI: What's art got to do with it?

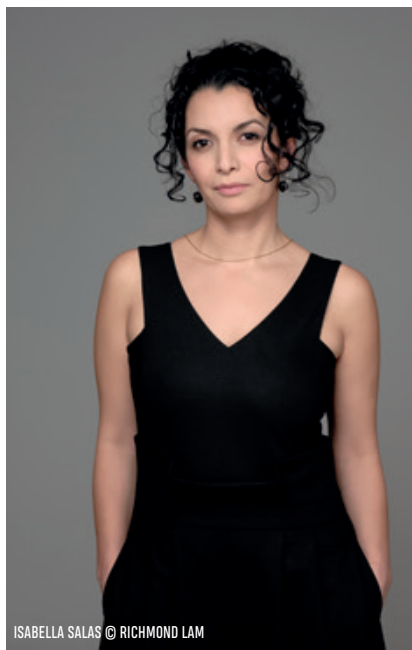
Artist Talk by Chris Salter
 (Concordia University, Canada)

**21:30–
22:15**

**OPEN AIR
THEATRE**

Notation AI

AV Performance by Symphocat x Xenia Sangina
 (Russia) x mdi ensemble (Italy)





CHAPTER
THREE

25.09.–26.09.

HUMANITY IN THE AGE
OF ARTIFICIAL INTELLIGENCE

NOI TECHPARK AND ONLINE



25.09.

10:00–
20:00

NOISE

Studio Visits – where future happens

Moscow: ::vtol:: / Dmitry Morozov (Russia)

Cambridge, Massachusetts: Joe Davis (USA)

Beijing: Lu Yang (China)

10:00–
20:00

KRANHALLE

Do you like cyber?

Installation by Emilio Vavarella (Italy)

17:30–
19:40

SEMINAR 1

17:30–17:50

Being conscious without being alive: AI, mind and life

Opening speech from the Arctic

by Riccardo Manzotti, philosopher (Italy)

17:50–18:00

Opening of the congress

by Roland Psenner, President at Eurac

Research (Italy), and Knut Weber, artistic

director at Stadttheater Ingolstadt (Germany)

18:00–18:20

ALONE – A salute from Ingolstadt

Mira Fajfer, actress, and Stefano Di Buduo, video artist (Germany)

18:20–19:00

Digital humanism

Julian Nida-Rümelin, philosopher (Germany)

19:00–19:40

Immortality or bust

Zoltan Istvan, transhumanist (USA)



25.09.

**20:15–
20:45**

SEMINAR 2

Transfiguration

AV Performance

by Hexorcismos (Mexico/Germany)

& Isabella Salas (Mexico/Canada)

**20:45–
21:45**

SEMINAR 1

AI, Alien life and the future of the mind

Susan Schneider, NASA-Baruch Blumberg Chair,
Library of Congress and NASA

Augmented intelligence: How machines and humans co-create

Matthias Röder, Co-Founder of Sonophilia

& The Mindshift / CEO Karajan Institute (Germany)

Living & working in the ocean

Grace C. Young, engineer at X, Alphabet's
Moonshot Factory (USA)

**21:45–
22:30**

SEMINAR 1

Humanity in the age of artificial intelligence

Discussion with Julian Nida-Rümelin, Zoltan Istvan,
Grace C. Young, Stefan Brandt, Knut Weber.

Moderated by Harald Pechlaner, Head of the
Center for Advanced Studies, Eurac Research (Italy)

**22:30–
23:00**

SEMINAR 2

Transfiguration

AV Performance

by Hexorcismos (Mexico/Germany)

& Isabella Salas (Mexico/Canada)

**21:30–
23:00**

PIAZZA

Imental music tape

Sound Installation by Symphocat (Russia)



JULIAN NIDA-RÜMELIN



GRACE YOUNG © ALLEGRA BOVERMAN



ZOLTAN ISTVAN



MATTHIAS RÖDER, © HUBERT AUER

26.09.



10:00–
18:00



SEMINAR 2

Under control I ctrl+c(ut)

Installation by ::vtol:: (Russia)

10:00–
18:00

KRANHALLE

Do you like cyber?

Installation by Emilio Vavarella (Italy)

10:00–
18:00

NOISE

Studio Visits – where future happens

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26.09.



10:00–
12:40



SEMINAR 1

10:00–10:20 **Machines and creativity**

Holger Volland, Vice President Frankfurter Buchmesse (Germany)

10:20–10:40 **Preserving vital creative energy: How to act in times of dying systems**

Rob van Kranenburg, founder of Council_IoT (Netherlands)

10:40–11:00 **Why do we want to create art with computers?**

Kathrin Passig, writer (Germany)

11:00–12:00 **Can machines create art?**

Introduction by Roland Benedikter, Co-Head of the Center for Advanced Studies, Eurac Research (Italy).

Discussion with Holger Volland (Germany), Riccardo Manzotti (Italy), Natalia Fuchs (Russia), Hexorcismos/Moises Horta Valenzuela (Mexico/Germany), ::vtol::/Dmitry Morozov (Russia), Robin Meier (France).

Moderated by Peter Kirn, Create Digital Music (USA/Germany)

12:00–12:20 **AI as an art collaborator**

Ahmed Elgammal, computer scientist (USA)

12:20–12:40 **Global catastrophic risks**

Anders Sandberg, computational neuroscientist (UK)

12:45–
13:10

SEMINAR 1

The future of everything

Closing words by Jason Silva, futurist (USA)



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